

Work Order ID 75112***75112***

Page 1

October 17, 2011 1:36:03 PM

Item ID: D4007-1 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Top Support Bracket
Start Date: 10/17/11 Start Qty: 5.00 ***5*** Cust Item ID:
Required Date: 11/04/11 Req'd Qty: 5.00 ***5*** Customer:
Reference:

Approvals: Process Plan: CL Date: 11/10/17 Tooling: Date: Run Start ***NR1***
QC: Date: SPC (Y/N): Date: Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D4007	A								

100

0.00

100

Purchasing

Purchasing

Memo

Issue P/O: 15173

Purchase part as per Dwg D4007

Possible Supplier: GFI

Material release note required

0.00

CL 11/10/17 5

110

Receive & Inspect for Damage & Mat'l Certs

0.00

110

Packaging

Packaging

Memo

0.00

Purchasing 5

120

QC6- Inspect dimensions to drawing

0.00

120

QC

Quality Control

Memo

0.00

S. WhiteTS

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Page 2

Packaging

5 Br 11-11-8.

5xØ m-14/4/08

2011/8 (5)

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 75112***75112***

Page 3

October 17, 2011 1:36:03 PM

Item ID: D4007-1

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Top Support Bracket

Start Date: 10/17/11 Start Qty: 5.00

5

Cust Item ID:

Required Date: 11/04/11 Req'd Qty: 5.00

5

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
160	QC21 - Final Inspection - Work Order Release	0.00							
160									
QC	Memo	0.00							
Quality Control									

mf
11-11-08

Picklist Print

October 17, 2011 1:36:02 PM

Page 1

Work Order ID: 75112

Parent Item: D4007-1

Start Date: 10/17/11

Required Date: 11/04/11

Parent Item Name: Top Support Bracket

Start Qty: 5.00

Required Qty: 5.00

Comments: IPP rev A 09.12.18 new Issue Prelim EC verified: DD IPP Rev:B 10.05.03 as per ECN10-562 DD verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D4007-1P Top Support Bracket		Purchased	No			110	Each	0.0000	1	5		10/17/11	

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

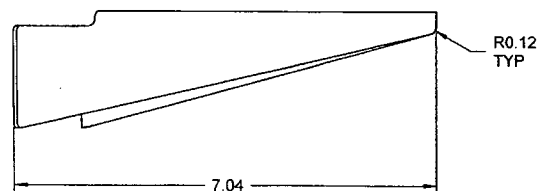
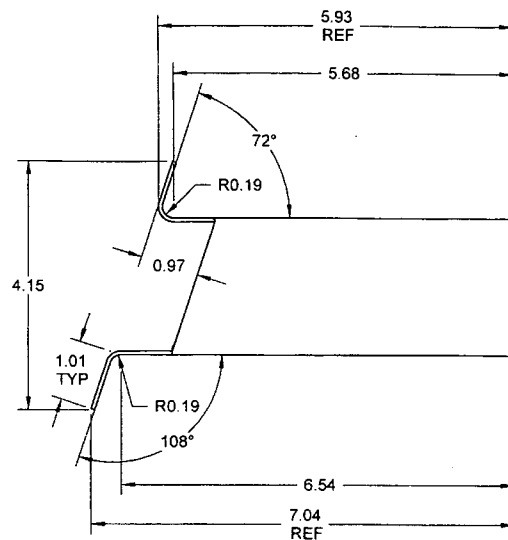
Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

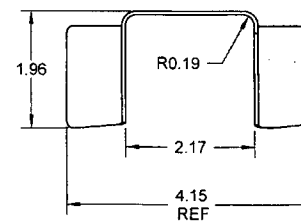
NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

DART AEROSPACE PART NUMBER	JOHN CAMERON AVIATION PART NUMBER
D4007-1	JCA-M47-2-02



CL 11/10/17
WIO: 75112



D4007-1 TOP SUPPORT BRACKET

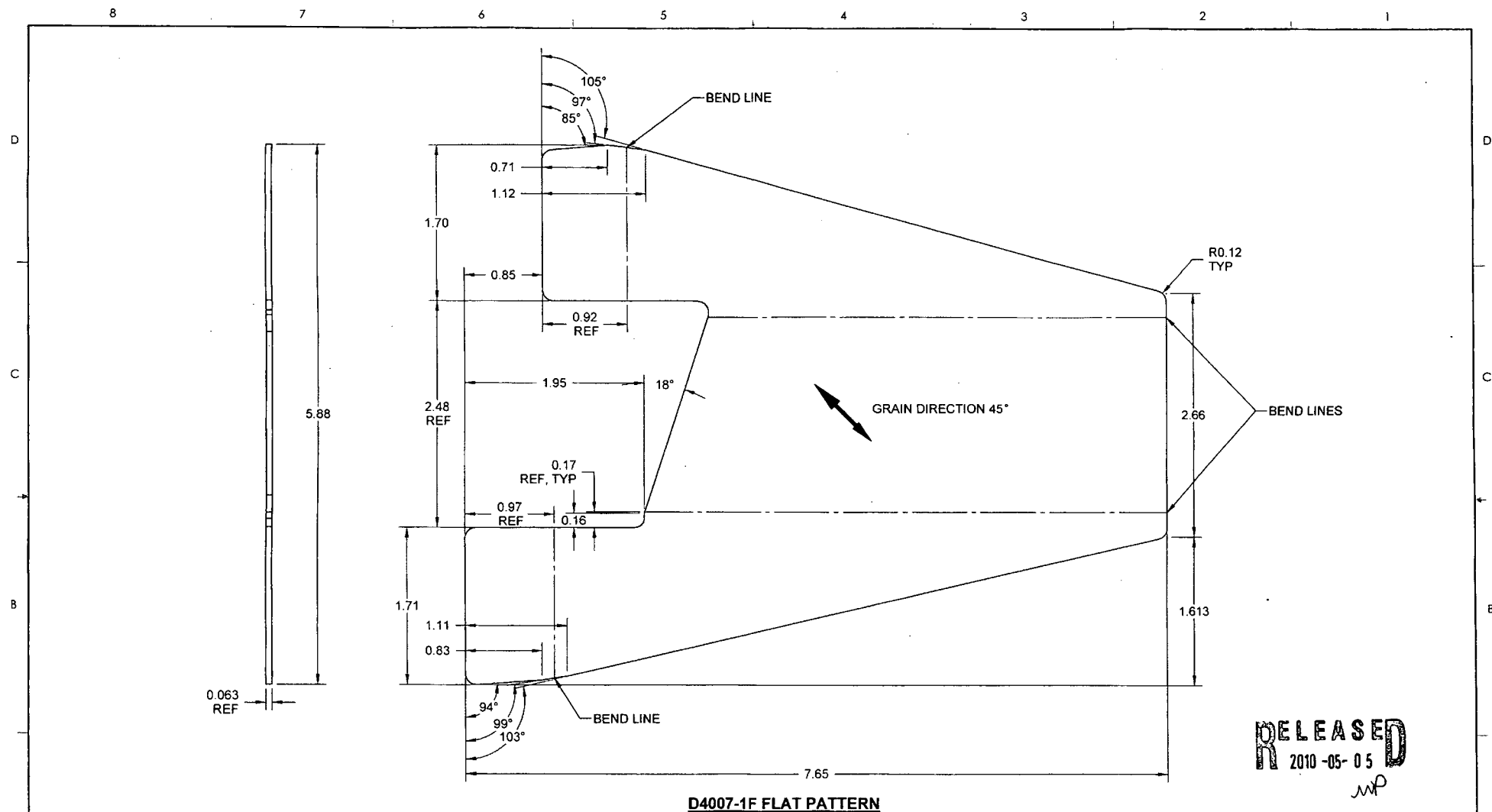
NOTES:

- 1) MATERIAL: MADE FROM D4007-1F
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4007-1" AND B/N USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: 0.17 lbs

RELEASED
2010-05-05

REV.	NEW ISSUE	DESCRIPTION	BY	DATE
DESIGN				
DRAWN				
CHECKED				
MFG. APPR.				
APPROVED				
DE APPR.				
DATE	10.02.05			

DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	REV. A
DRAWING NO. D4007	SHEET 1 OF 5
TITLE SUPPORT	SCALE NTS
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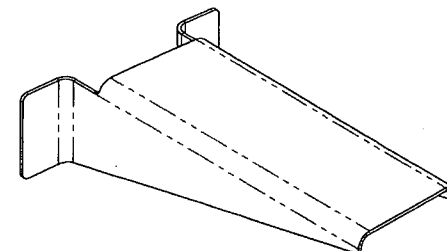
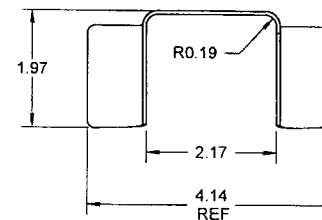
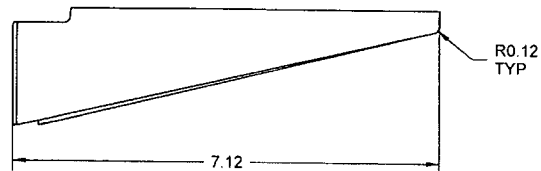
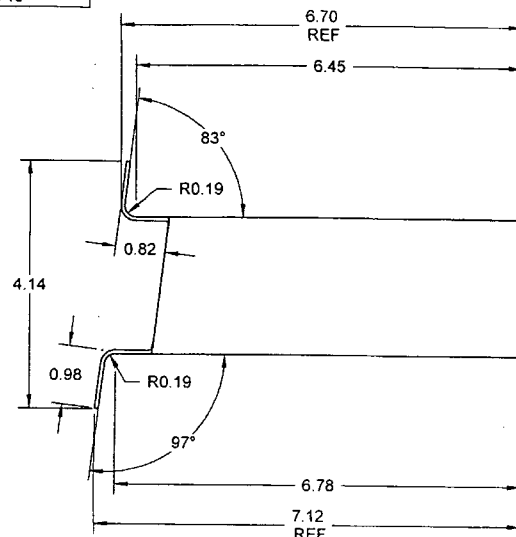
NOTES:

- 1) MATERIAL: 2024-T3 ALUMINUM SHEET, 0.063 THICK
PER QQ-A-250/4 OR AMS-QQ-A-250/4
OR AMS 4037 OR ASTM B209
REF DART SPEC M2024T3S.063
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.17 lbs

DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. A
MFG. APPR.		D4007	SHEET 2 OF 5
APPROVED		TITLE	SCALE
DE APPR.		SUPPORT	NTS
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RELEASED
R 2010-05-05 D
MP







DART AEROSPACE PART NUMBER	JOHN CAMERON AVIATION PART NUMBER
D4007-3	JCA-M47-2-18



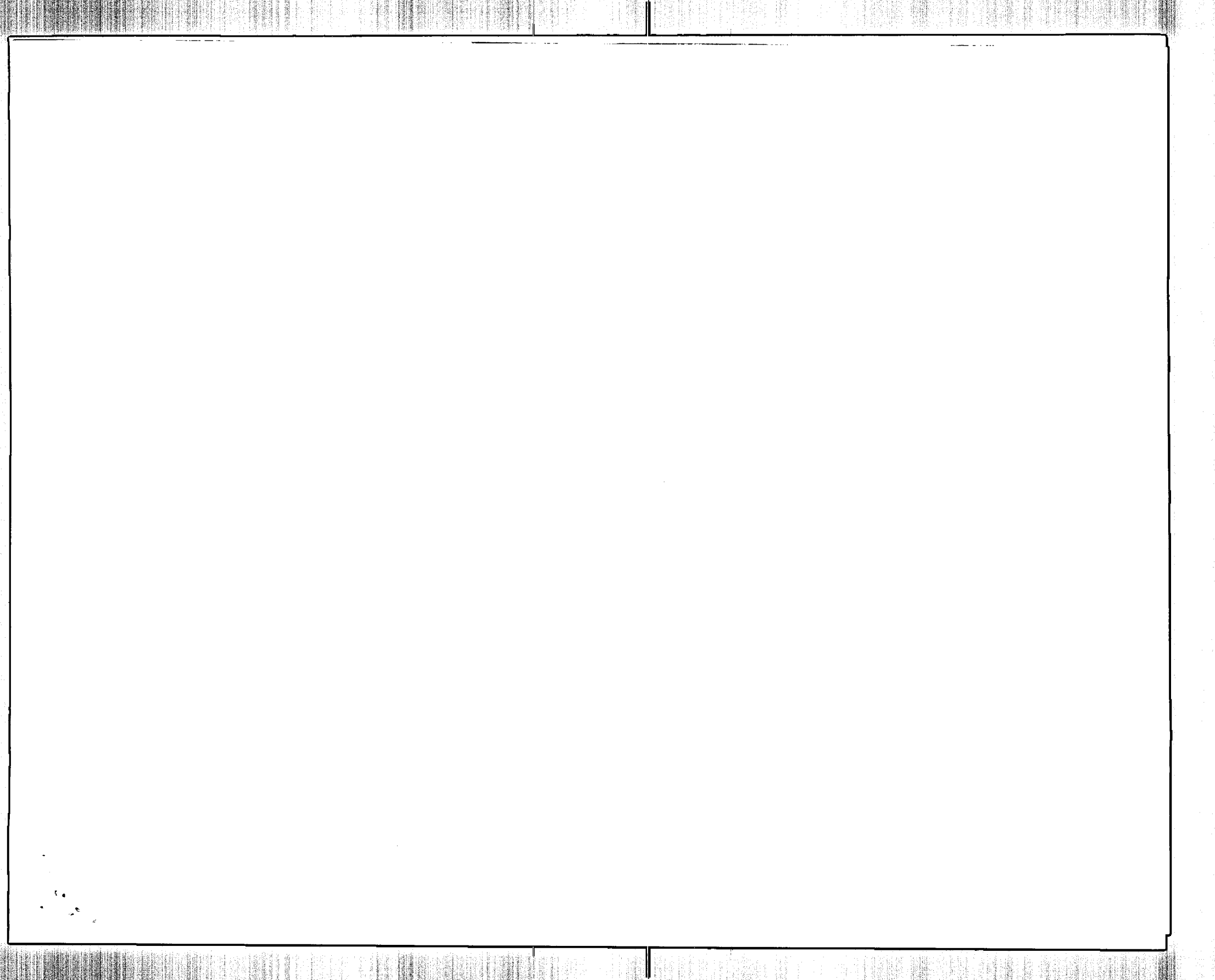
D4007-3 TOP SUPPORT BRACKET

NOTES:

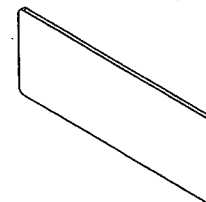
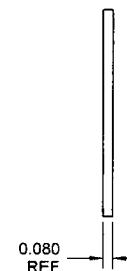
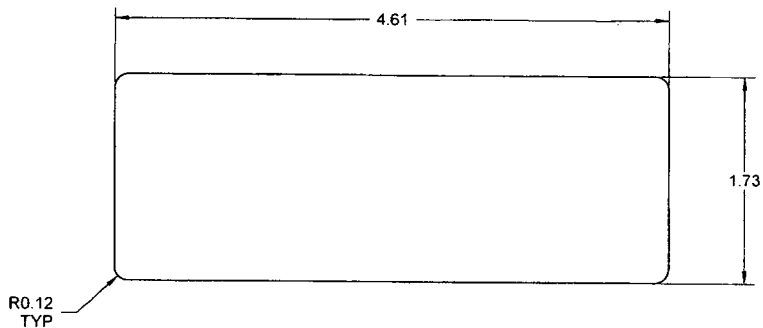
- 1) MATERIAL: MADE FROM D4007-3F
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4007-3" AND B/N USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: 0.19 lbs

DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. A
MFG. APPR.		D4007	SHEET 3 OF 5
APPROVED		TITLE	SCALE
DE APPR.		SUPPORT	NTS
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RELEASED
R 2010-05-05
MP



DART AEROSPACE PART NUMBER	JOHN CAMERON AVIATION PART NUMBER
D4007-5	JCA-M47-2-24









D4007-5 PACKER

NOTES:

- 1) MATERIAL: 6061-T6/T62 ALUMINUM SHEET, 0.080 THICK
PER QQ-A-250/11 OR AMS-QQ-A-250/11
OR AMS 4025 OR AMS 4027 OR ASTM B209
REF DART SPEC M6061T6S.080
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4007-5" AND B/N USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: 0.06 lbs

RELEASED
2010-05-05
MD

DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. A
MFG. APPR.		D4007	SHEET 5 OF 5
APPROVED		TITLE	SCALE
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Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO15173

Purchase Order Date 10/17/11

PO Print Date 10/17/11

Page Number 1 of 1

Order From:

VC-GFI001

FI

80 AVENUE LABROSSE
OINTE CLAIRE, QC H9R 1A1
A

Contact Name
Vendor Phone
Vendor Fax
Vendor Account Nbr

514 630 4877
514 630 4849

Buyer
Requisition Nbr
Tax Resale Nbr
Terms
Currency
FOB

Chantal Lavoie
10127-2607
Net 30
CAD
Destination-Collect

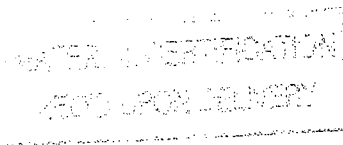
To: DART AEROSPACE LTD 1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

OK 11/15/11

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
D4007-1P		Top Support Bracket	11/04/11 Yes	5.00 Each	FedEx PI ppd	\$80.0000	\$400.00
		Special Inst:	AS PER DWG D4007 REV. A B75112				
D4055-9P		Tank Back	11/04/11 Yes	✓ 5.00 Each	FedEx PI ppd <i>11/14/11</i>	\$115.0000	\$575.00
		Special Inst:	AS PER DWG D4055 REV. B B75125				

PO Total:

\$975.00



No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable

Change Nbr: 1

Change Date: 10/17/11



180 AVENUE LABROSSE
POINTE-CLAIRE, QC, CANADA H9R 1A1
TÉL.:(514) 630-4877 - FAX:(514) 630-4849

GFI est une division de Thomas & Betts Fabrication Inc. / GFI is a division of Thomas & Betts Manufacturing Inc.



BON DE LIVRAISON / SHIPPING MEMO

DATE DE LIVRAISON / SHIPPING DATE			N° DE BON DE LIVRAISON / SHIPPING MEMO NO.		PAGE
JR - DY	MO - MO	AN - YR			
02	11	11	0473091		1/1

VENDU À / SOLD TO

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON
K6A 1K7

EXPÉDIÉ À / SHIP TO

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON
K6A 1K7



CODE DE CLIENT / CUSTOMER CODE	N° DE CONTRAT / JOB NO.	VOTRE N° DE COMMANDE / YOUR PURCHASE ORDER NO.	EXPÉDIÉ PAR / SHIP VIA
DART GFI-0299	0238539	PO15173	

QUANTITÉ / QUANTITY	N° DE PIÈCE / PART NO.	DESCRIPTION
---------------------	------------------------	-------------

5 D4007-1P

SUPPORT

CERTIFICATE OF CONFORMANCE REQ

J0238539-001 3 pcs.
MFG. JOB# J02 11071-001 QTY 2 pcs.



REÇU PAR / RECEIVED BY

EXPÉDITEUR

CERTIFICATE OF COMPLIANCE CERTIFICAT DE CONFORMITE



Membre de / A Member of **Thomas & Betts**

180 LABROSSE AVENUE
POINTE CLAIRE, QC
H9R 1A1

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON K6A 1K7

CERTIFICATE NO. <u>2</u>		OUR JOB NO <u>J0238539</u>		SHIPPING MEMO <u>0473091</u>	
ITEM	QUANTITY	PURCHASE ORDER	PART NUMBER	REV	NAME
<u>5 PCS</u>	<u>PO15173</u>	<u>D4007-1P</u>	<u>A</u>	<u>SUPPORT</u>	<u>A</u>
MATERIAL		SUPPLIED BY		MAT. REL. NO.	
<u>AL 2024-T3</u>		<u>SAMUEL / KAISER ALUMINUM</u>		<u>419327A2 AND 531330A9</u>	

PROCESS	PROCESSOR	RELEASE NOTE #
1 FIRST ARTICLE INSPECTION REPORT ON FILE	GFI	CONFORMS
2 REF. GFI MANUFACTURING JOB NUMBER J0211071-001 (2 PCS) AND J0238539 (3 PCS).		
3		
4		
5		
6		
7		
8		
9		

WE HEREBY CERTIFY ALL THE PARTS COVERED BY THIS CERTIFICATE HAVE BEEN MANUFACTURED FROM MATERIAL SUPPLIED ON RELEASE NOTE SHOWN ABOVE AND THAT ALL PARTS HAVE BEEN INDIVIDUALLY INSPECTED AND CONFORM TO THE DRAWINGS AND PURCHASE ORDER REFERENCED ABOVE.

DATE 02 NOVEMBER 2011

G.F.I. Q.C. REP.





LES METAUX SPECIALISES SAMUEL
21525 CLARK-GRAHAM
BAIE D'URFE, QUEBEC, CANADA
H9X 3T5

(514) 457-3399

FAX (514) 457-9393

No 001468863



PAGE 1 DE/OF 1

TRANSPORTEUR/CARRIER NAME
CASTERO TRANSPORT

CAMION/TRUCK
099

NOM DE LA BRANCHE/SALES BRANCH NAME
LES METAUX SPECIALISES SAMUEL

DATE D'EXPIRATION/DATE OF EXPIRATION
9/14/09

VENDU À/SOLD TO:

GFI DIVISION OF THOMAS & BETTS, LIMITED
180 AVENUE LABROSSE
POINTE CLAIRE
POINTE-CLAIRE
QC
H9R1A1

(514) 630-4877

EXPÉDIÉ À/SHIP TO: TÀB: DEST

G.F.I. INC
180 AVENUE LABROSSE
POINTE-CLAIRE
QC
H9R1A1 CA

(210678-00001)

N° COMMANDE
N° ITEM
489556-01

DESCRIPTION ET POIDS/DESCRIPTION AND WEIGHT

#Comm du client: 0075894

Cert/Test: TRUCK

1 PCS FEUILLES ALUMINIUM 2024 T3

43 LVR

.0630"x48"x144"

QQA250/4 BARE

Description

Art

Pd ca

Qté

#Étiq

Vendeur

#Étiq mln

#À soul

Étiq princ

#Coul

1297052

1

48.000

43

4564255

017

Total:

1

48.000

43

D851930 419327A2

Poids total:

43 LVR

#Total paquets:

1

Commentaires connaissance:

CERTIFICAT DE CONFORMITÉ

LE MATÉRIEL DÉTAILLÉ CI-DESSUS EST CERTIFIÉ
CONFORME AUX EXIGENCES DE VOTRE COMMANDE ET AUX
SPÉCIFICATIONS DES NORMES DU GRADE. SVP VOUS
RÉFÉREZ AUX CERTIFICATS CI-JOINTS. AUTORISÉ PAR:

PAM BOOTH
ADMINISTRATION

DATE



NIR: R-539477-1

PRÉPAYÉ PAR
CHARGES

FORTEPAYÉ/REPAID

POUR COLLECT

INST VOITURIER/DRIVER INSTRUCTIONS

EXPÉDITEUR/DISPATCHER

VOITURIER/DRIVER

REÇU PAR/RECEIVED BY

SHIP TO: SAMUEL BAIE D'URFE 21525 CLARK-GRAHAM BAIE D'URFE, PQ, CA H9X3T5
SOLD TO: SAMUEL LAVAL 2225 FRANCIS HUGHES LAVAL, PQ, CA H7S1N5

**KAISER
ALUMINUM**

Trentwood Works - Spokane, WA 99215
Phone: (800) 367-2586

CERTIFIED TEST REPORT

Serial Number
4146676

CUSTOMER PO NUMBER: N21479	WORK PACKAGE:	CUSTOMER PART NUMBER:	SHIP RUN/LOAD ID: 101411/2	GOV'T CONTRACT NUMBER:		
KAISER ORDER NO: 1074833	LINE ITEM: 3	SHIP DATE: 11-NOV-2008	ALLOY: 2024	CLAD: BARE	TEMPER: T3	PRODUCT DESCRIPTION: MILL FINISH SHEET
WEIGHT SHIPPED: 3180 LB	QUANTITY: 71 PCS EST.	B/L NUMBER: 2020211	GAUGE: 0.0630 IN	WIDTH: 48.000 IN	LENGTH: 144.000 IN	

Certified Specifications

AMS 4037/RevN
CMMP 019/RevD

AMS-QQ-A-250/4/RevA
CMMP 025/RevR

ASTM B 209/Rev07

Test Code: 1504

Test Results

Sulida

Lot: 419327A2 Cast 443

Drop 13

Ingot 3

(ASTM E8/B557)

Tensile:	Temper	Dir / # Tests	Ultimate KSI (MPA)	Yield KSI (MPA)	Elongation %
	T3	LT / 2 (Min:Max)	67.4 : 67.6 (465 : 466)	45.0 : 45.1 (310 : 311)	17.1 : 19.0

(ASTM E1251)

Chemistry:	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
Actual	0.09	0.25	4.4	0.58	1.3	0.01	0.12	0.02	0.01	0.01	TOT 0.03

ALLOY LIMITS

Chemistry:	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER	MAX
2024 MIN	0.00	0.00	3.8	0.30	1.2	0.00	0.00	0.00	0.00	0.00	EACH	0.05
MAX	0.50	0.50	4.9	0.9	1.8	0.10	0.25	0.15	0.05	0.05	TOT	0.15

Aluminum Remainder

TEST NOTES

2024-T351 plate 3.001-4.000" thick, if ultrasonically inspected, meets requirements of CMMP025 per SOR
CMMP025 Kaiser-T-2

KAISER ALUMINUM

Trentwood Works - Spokane, WA 99215
Phone: (800) 367-2586

CERTIFIED TEST REPORT

Serial Number
4146676

CERTIFICATION

KAISER ALUMINUM FABRICATED PRODUCTS, LLC (KAISER) HEREBY CERTIFIES THAT METAL SHIPPED UNDER THIS ORDER WAS MELTED IN THE U.S.A OR CANADA AND MANUFACTURED IN THE U.S.A. AND HAS BEEN INSPECTED, TESTED, AND FOUND IN CONFORMANCE WITH THE REQUIREMENTS OF THE APPLICABLE SPECIFICATIONS AS INDICATED HEREIN. ALL METAL WHICH IS SOLUTION HEAT-TREATED COMPLIES WITH AMS 2772. ANY WARRANTY IS LIMITED TO THAT SHOWN ON KAISER'S STANDARD GENERAL TERMS AND CONDITIONS OF SALE. TEST REPORTS ARE ON FILE, SUBJECT TO EXAMINATION. TEST REPORTS SHALL NOT BE REPRODUCED EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF ALUMINUM FABRICATED PRODUCTS, LLC LABORATORY. THE RECORDING OF FALSE, FICTITIOUS, OR FRAUDULANT STATEMENTS OR ENTRIES ON THE CERTIFICATE MAY BE PUNISHED AS A FELONY UNDER FEDERAL LAW. ISO-9001, 2000 CERTIFIED

BILL FOYNOR, LABORATORIES SUPERVISOR





Programme d'Assurance Qualité Enregistré / Registered Q.A. Program
ISO 9001:2008 + AS9100B

LETTRE DE CONFORMITÉ - LETTER OF COMPLIANCE

Date: MARCH 22nd, 2011

Company Name: GFI Division of Thomas & Betts limited
Address: 180 avenue Labrosse
City: Pointe-Claire Qc
Zip Code: H9R 1A1

du client: 0078201
Customer's order #:

de commande SSMQ: 531647
SSMQ's Order #:

La présente est pour certifier que le matériel détaillé ci-dessous est conforme aux exigences de votre commande et des normes du grade tel que décrit:

The following is to certify that the material listed below meets your order requirements and grade standards as described:

Notre/Our Item #	# de pièces/ # of pieces	Épaisseur/Grandeur Guage/Size	Alliage/Trempe Alloy/Temper	Spécification / Specification	Lot/Heat
01	1	.063" X 48" X 144"	2024 T3	AMS-QQ-A-250/4	531330A9

Bien à vous,
Yours truly,



SHIP TO:

SAMUEL BAIE D'URFE(SHIP TO)
21525 CLARK-GRAHAM
BAIE D'URFE, PQ, CA H9X 3T5

SOLD TO:

SAMUEL LAVAL
2225 FRANCIS HUGHES
LAVAL, PQ, CA H7S1N5

KAISER ALUMINUM

Trentwood Works - Spokane, WA 99215

Phone: (800) 367-2586

CERTIFIED TEST REPORT

Serial Number

4218752

CUSTOMER PO NUMBER: C63313		WORK PACKAGE:	CUSTOMER PART NUMBER:		SHIP RUN/LOAD: 101994/6	GOV'T CONTRACT NUMBER:
KAISER ORDER NO: 1110179	LINE ITEM: 3	SHIP DATE: 23-FEB-2011	ALLOY: 2024	CLAD: BARE	TEMPER: T3	PRODUCT DESCRIPTION: HT Flat Sheet
WEIGHT SHIPPED: 3318 LB	QUANTITY: 74 PCS EST.	B/L NUMBER: 2030960	GAUGE: 0.0630 IN	DIAMETER/WIDTH: 48.000 IN		LENGTH: 144.000 IN

Certified Specifications

AMS 4037/RevN
CMMP 019/RevD

AMS-QQ-A-250/4/RevA
CMMP 025/RevT

ASTM B 209/Rev07

Test Code: 1504

Test Results

Lot: 531330A9

Cast 525

Drop 27

Ingot 4

Melted in USA

(ASTM E8/B557)
(EN 2002-1)

Tensile:	Temper	Dir / # Tests	Ultimate KSI (MPA)	Yield KSI (MPA)	Elongation %
	T3	LT / 2 (Min:Max)	67.3 : 68.0 (464 : 469)	43.9 : 45.3 (303 : 312)	18.6 : 19.1

(ASTM E1251)

Chemistry:	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
Actual	0.09	0.21	4.6	0.58	1.3	0.01	0.12	0.02	0.01	0.00	TOT 0.05

ALLOY LIMITS

	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER	MAX
2024												
MIN	0.00	0.00	3.8	0.30	1.2	0.00	0.00	0.00	0.00	0.00	EACH	0.05
MAX	0.50	0.50	4.9	0.9	1.8	0.10	0.25	0.15	0.05	0.05	TOT	0.15

Aluminum Remainder

ORDER COMMENTS

MAX HEIGHT 12" SKIDDED

KAISER ALUMINUM

Trentwood Works - Spokane, WA 99215
Phone: (800) 367-2586

CERTIFIED TEST REPORT

Serial Number
4218752

CERTIFICATION

KAISER ALUMINUM FABRICATED PRODUCTS, LLC (KAISER) HEREBY CERTIFIES THAT METAL SHIPPED UNDER THIS ORDER WAS MELTED IN THE UNITED STATES OF AMERICA OR A QUALIFYING COUNTRY PER DFARS 225.872-1(a), WAS MANUFACTURED IN THE UNITED STATES OF AMERICA, AND MEETS THE REQUIREMENTS OF DFARS 252.225 FOR DOMESTIC CONTENT. THIS MATERIAL HAS BEEN INSPECTED, TESTED, AND FOUND IN CONFORMANCE WITH THE REQUIREMENTS OF THE APPLICABLE SPECIFICATIONS AS INDICATED HEREIN. ALL METAL WHICH IS SOLUTION HEAT TREATED COMPLIES WITH AMS 2772. ANY WARRANTY IS LIMITED TO THAT SHOWN ON KAISER'S STANDARD GENERAL TERMS AND CONDITIONS OF SALE. TEST REPORTS SHALL NOT BE REPRODUCED EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF KAISER ALUMINUM FABRICATED PRODUCTS, LLC LABORATORY. THE RECORDING OF FALSE, FICTITIOUS, OR FRAUDULENT STATEMENTS OR ENTIRETS ON THE CERTIFICATE MAY BE PUNISHED AS A FELONY UNDER FEDERAL LAW. ISO-9001:2000 CERTIFIED.



BILL POYNOR, LABORATORIES SUPERVISOR